

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050924\
 Data File : BG061150.D
 Acq On : 9 May 2024 13:37
 Operator : MA/JU
 Sample : PB160807BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB160807BL

Quant Time: May 09 14:21:24 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 05:11:25 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

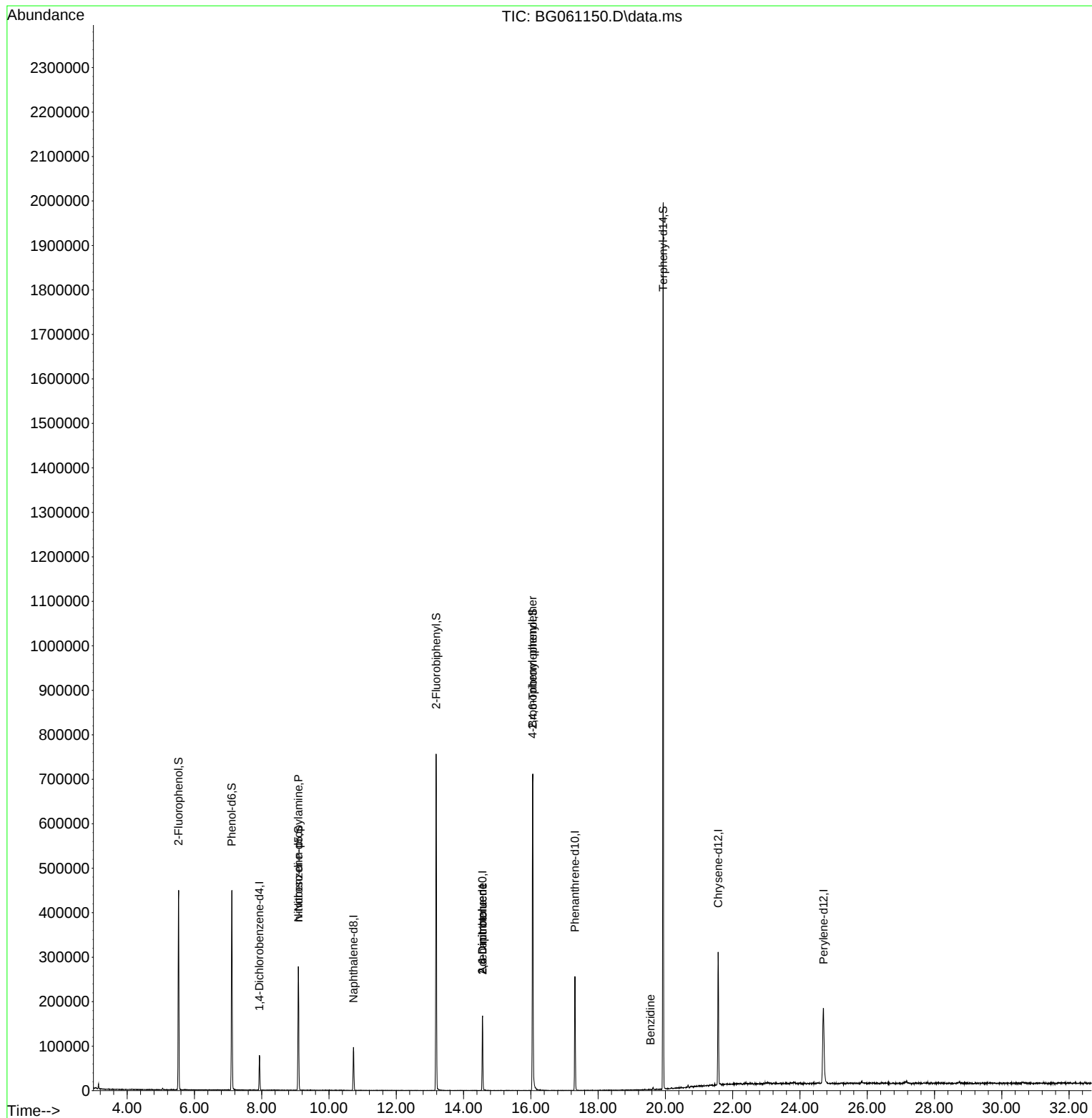
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.932	152	19555	20.000	ng	-0.03
21) Naphthalene-d8	10.728	136	75352	20.000	ng	#-0.03
39) Acenaphthene-d10	14.559	164	63392	20.000	ng	-0.03
64) Phenanthrene-d10	17.309	188	181132	20.000	ng	-0.02
76) Chrysene-d12	21.569	240	188728	20.000	ng	#-0.02
86) Perylene-d12	24.700	264	213998	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.529	112	154663	160.851	ng	-0.02
7) Phenol-d6	7.109	99	207047	145.561	ng	-0.02
23) Nitrobenzene-d5	9.089	82	141169	92.872	ng	-0.03
42) 2,4,6-Tribromophenol	16.058	330	173525	136.947	ng	-0.02
45) 2-Fluorobiphenyl	13.184	172	397084	92.626	ng	-0.02
79) Terphenyl-d14	19.935	244	1089512	96.012	ng	-0.02
Target Compounds						
					Qvalue	
9) Benzaldehyde	7.115	77	445	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	9.089	70	21359	20.065	ng	# 58
51) 2,6-Dinitrotoluene	14.559	165	8286	7.912	ng	# 15
57) 2,4-Dinitrotoluene	14.559	165	8286	5.348	ng	# 17
67) 4-Bromophenyl-phenylether	16.052	248	10960	5.136	ng	# 1
77) Benzidine	19.559	184	768	2.997	ng	# 65

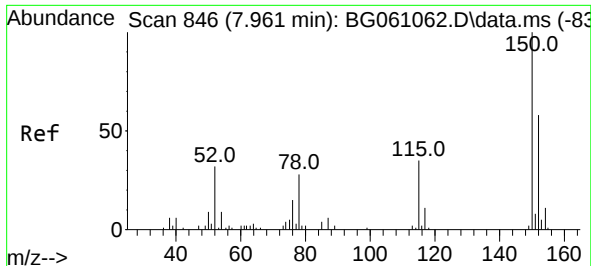
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed May 01 05:11:25 2024
Response via : Initial Calibration

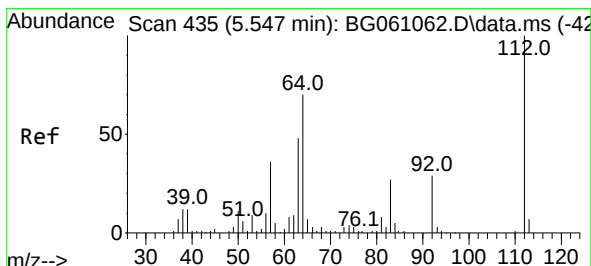
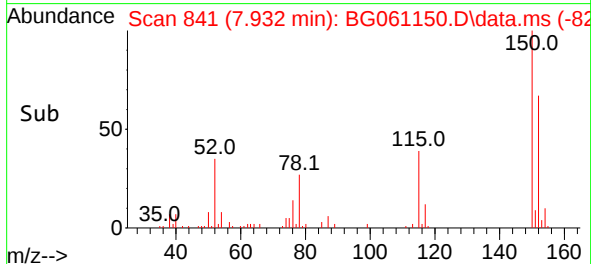
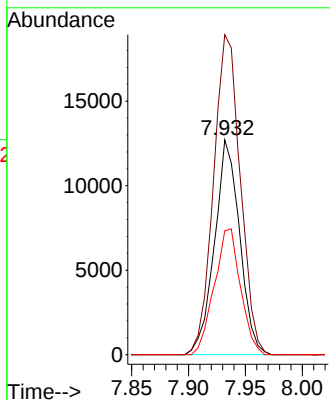
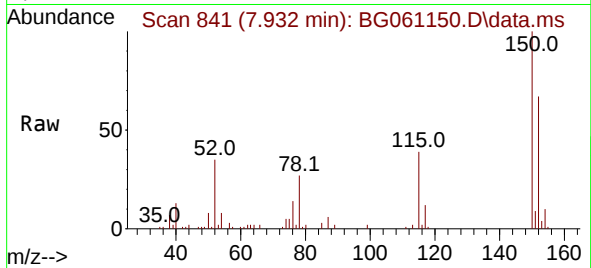




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.932 min Scan# 84
Delta R.T. -0.029 min
Lab File: BG061150.D
Acq: 9 May 2024 13:37

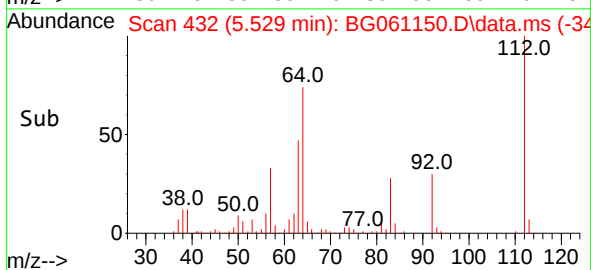
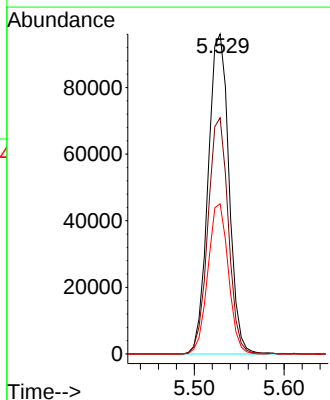
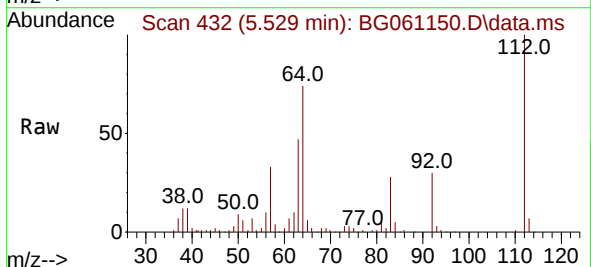
Instrument :
BNA_G
ClientSampleId :
PB160807BL

Tgt Ion:152 Resp: 19555
Ion Ratio Lower Upper
152 100
150 148.9 138.3 207.5
115 57.7 48.0 72.0



#5
2-Fluorophenol
Concen: 160.851 ng
RT: 5.529 min Scan# 432
Delta R.T. -0.018 min
Lab File: BG061150.D
Acq: 9 May 2024 13:37

Tgt Ion:112 Resp: 154663
Ion Ratio Lower Upper
112 100
64 73.8 55.7 83.5
63 46.9 38.1 57.1

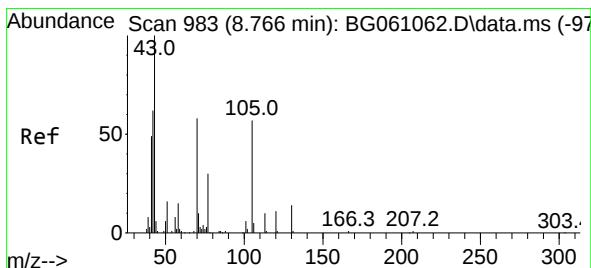
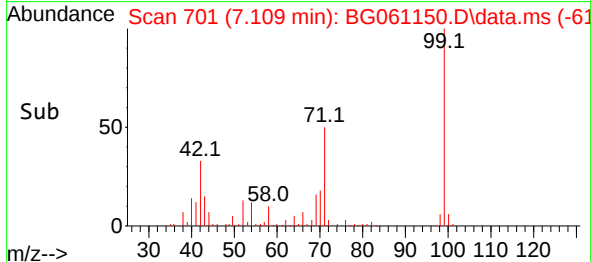
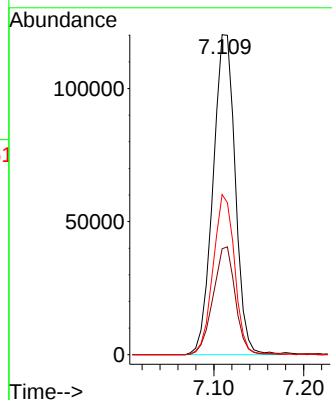
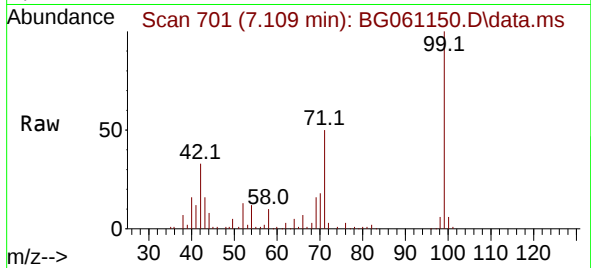




#7
Phenol-d6
Concen: 145.561 ng
RT: 7.109 min Scan# 705
Delta R.T. -0.024 min
Lab File: BG061150.D
Acq: 9 May 2024 13:37

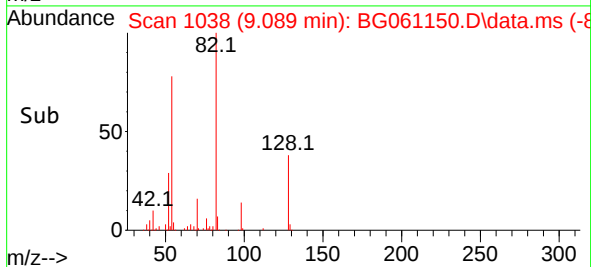
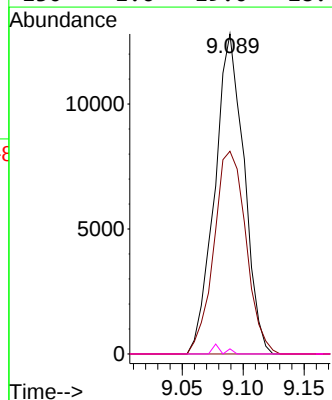
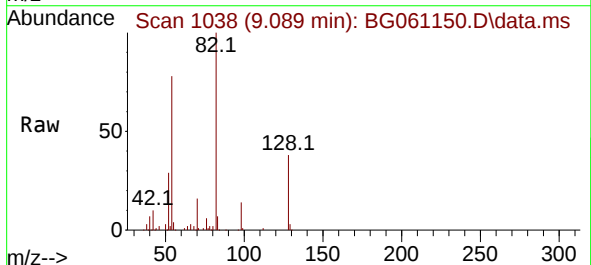
Instrument :
BNA_G
ClientSampleId :
PB160807BL

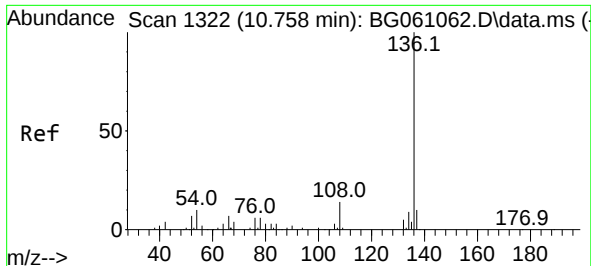
Tgt Ion: 99 Resp: 207047
Ion Ratio Lower Upper
99 100
42 33.1 29.2 43.8
71 50.1 39.7 59.5



#19
n-Nitroso-di-n-propylamine
Concen: 20.065 ng
RT: 9.089 min Scan# 1038
Delta R.T. 0.323 min
Lab File: BG061150.D
Acq: 9 May 2024 13:37

Tgt Ion: 70 Resp: 21359
Ion Ratio Lower Upper
70 100
42 63.3 86.4 129.6#
101 0.0 7.8 11.8#
130 1.6 19.0 28.4#

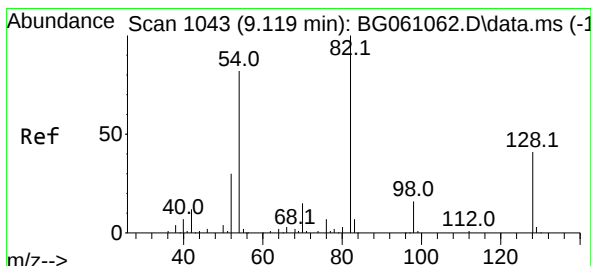
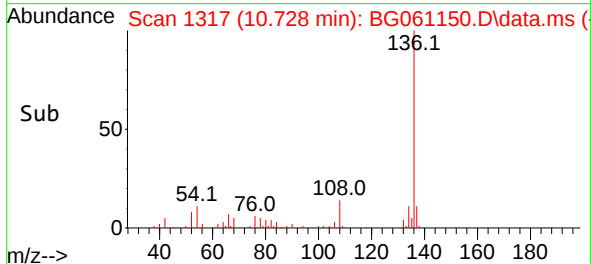
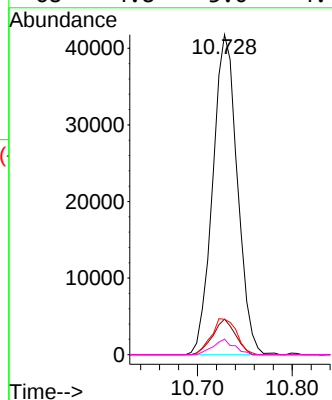
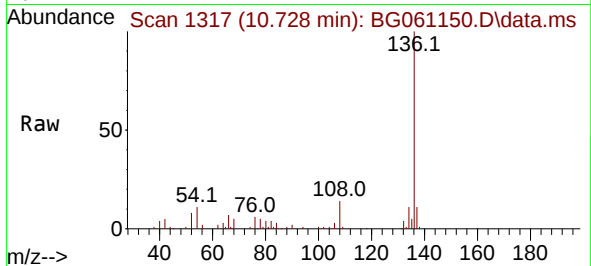




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.728 min Scan# 11
Delta R.T. -0.030 min
Lab File: BG061150.D
Acq: 9 May 2024 13:37

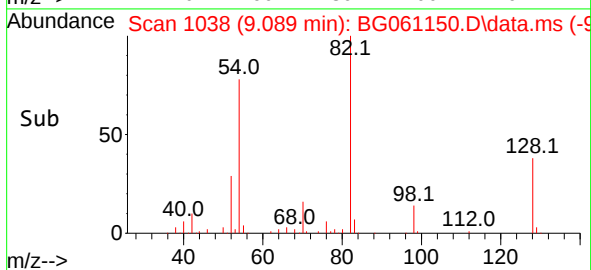
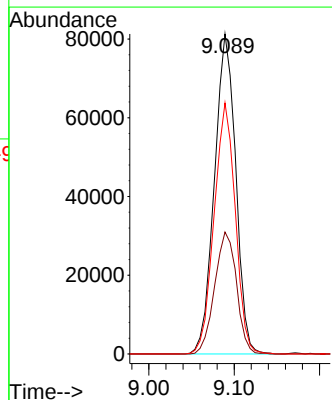
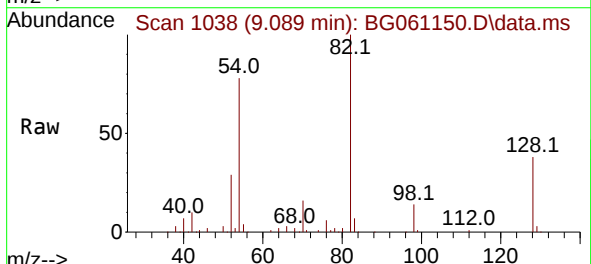
Instrument :
BNA_G
ClientSampleId :
PB160807BL

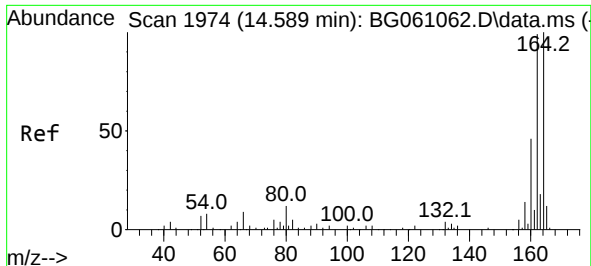
Tgt Ion:	136	Resp:	75352
Ion Ratio	Lower	Upper	
136	100		
137	11.1	7.8	11.6
54	11.0	8.1	12.1
68	4.8	3.0	4.4



#23
Nitrobenzene-d5
Concen: 92.872 ng
RT: 9.089 min Scan# 1038
Delta R.T. -0.030 min
Lab File: BG061150.D
Acq: 9 May 2024 13:37

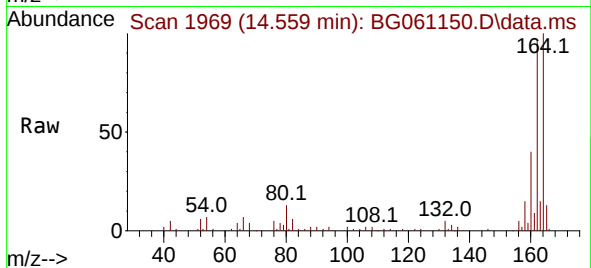
Tgt Ion:	82	Resp:	141169
Ion Ratio	Lower	Upper	
82	100		
128	38.1	32.7	49.1
54	78.5	65.6	98.4



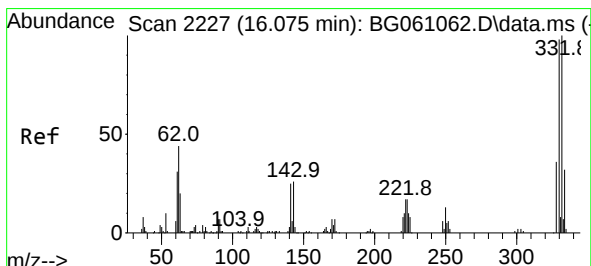
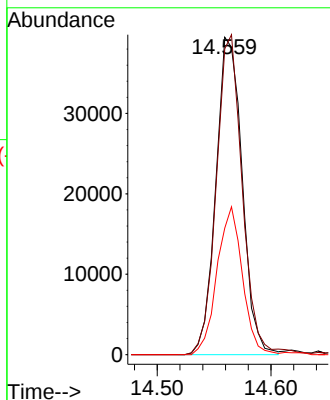
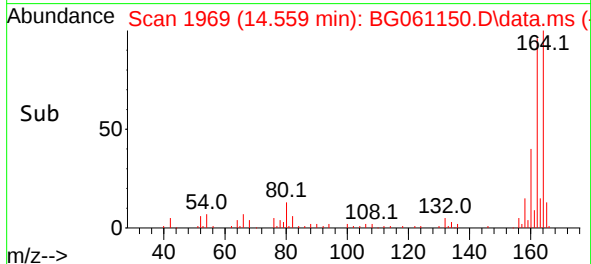


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.559 min Scan# 1969
Delta R.T. -0.030 min
Lab File: BG061150.D
Acq: 9 May 2024 13:37

Instrument :
BNA_G
ClientSampleId :
PB160807BL

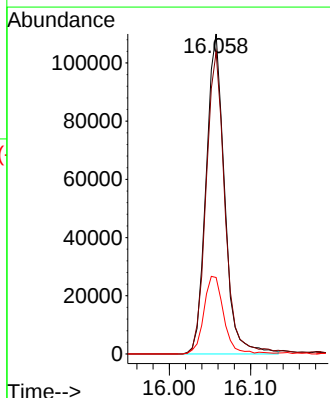
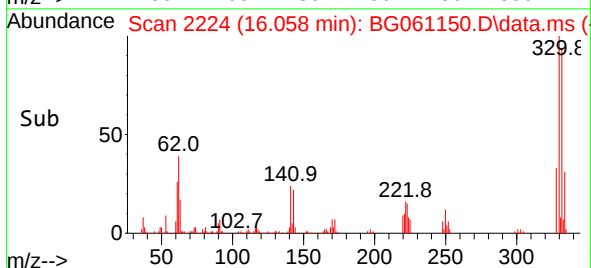
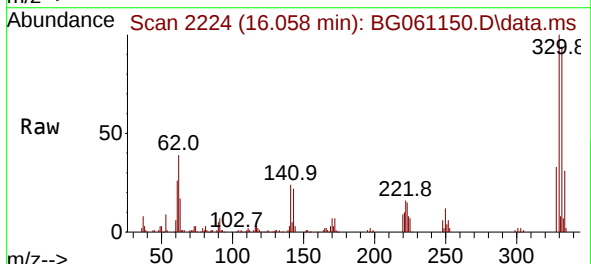


Tgt Ion:164 Resp: 63392
Ion Ratio Lower Upper
164 100
162 96.3 79.4 119.2
160 39.9 37.0 55.6



#42
2,4,6-Tribromophenol
Concen: 136.947 ng
RT: 16.058 min Scan# 2224
Delta R.T. -0.018 min
Lab File: BG061150.D
Acq: 9 May 2024 13:37

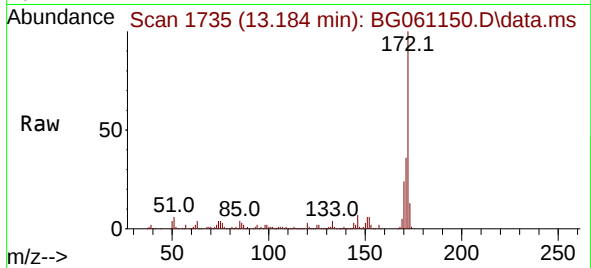
Tgt Ion:330 Resp: 173525
Ion Ratio Lower Upper
330 100
332 96.7 78.6 117.8
141 26.2 20.5 30.7



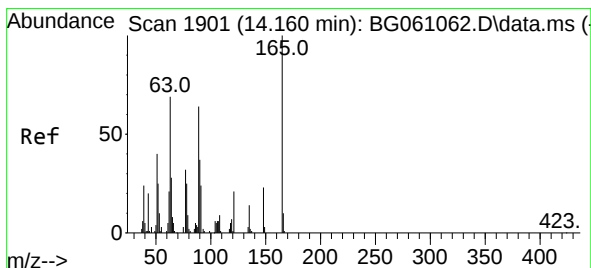
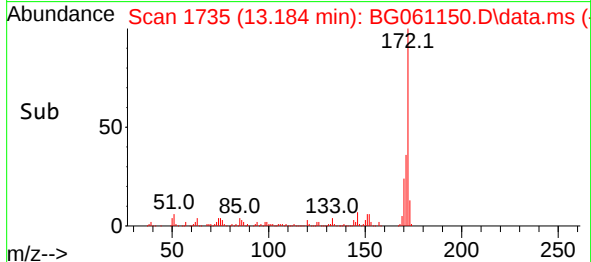
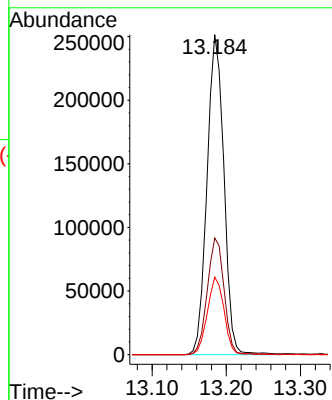


#45
2-Fluorobiphenyl
Concen: 92.626 ng
RT: 13.184 min Scan# 1735
Delta R.T. -0.024 min
Lab File: BG061150.D
Acq: 9 May 2024 13:37

Instrument :
BNA_G
ClientSampleId :
PB160807BL

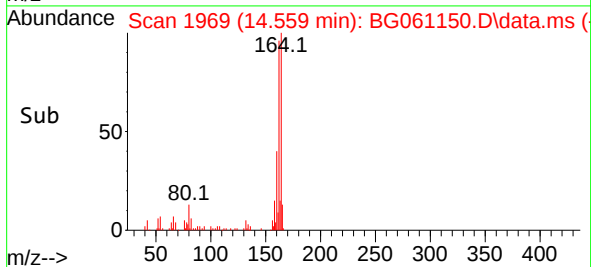
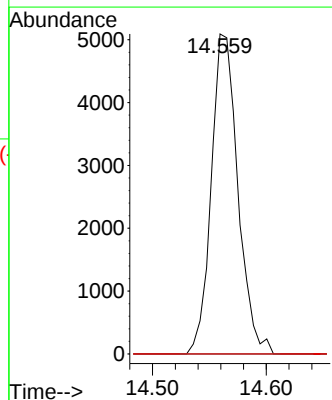
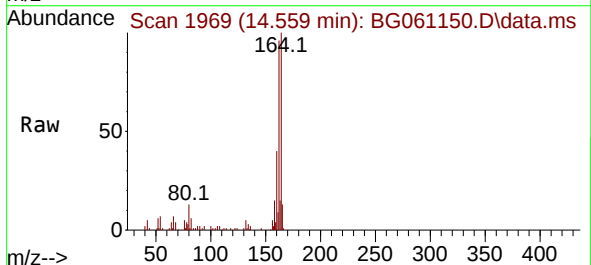


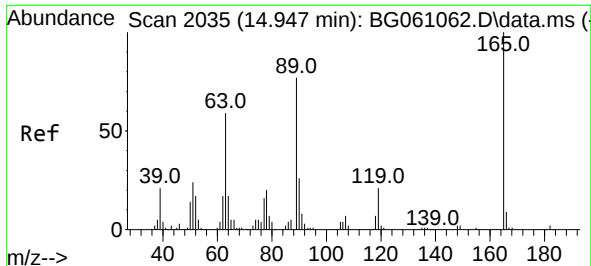
Tgt Ion:172 Resp: 397084
Ion Ratio Lower Upper
172 100
171 36.4 29.0 43.6
170 24.3 20.2 30.4



#51
2,6-Dinitrotoluene
Concen: 7.912 ng
RT: 14.559 min Scan# 1969
Delta R.T. 0.399 min
Lab File: BG061150.D
Acq: 9 May 2024 13:37

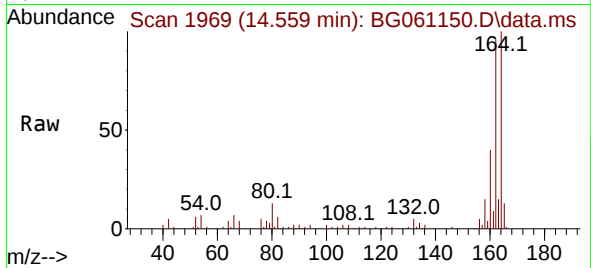
Tgt Ion:165 Resp: 8286
Ion Ratio Lower Upper
165 100
63 0.0 60.0 90.0#
89 0.0 50.9 76.3#



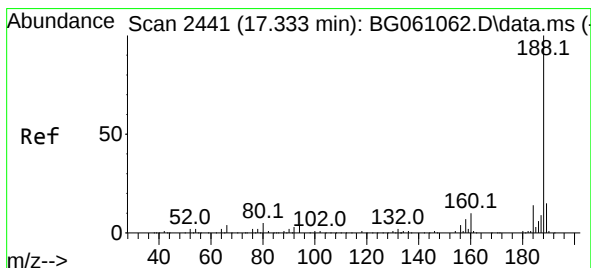
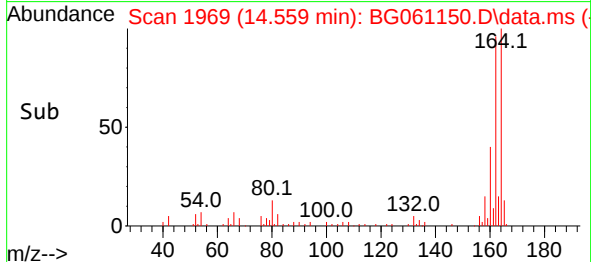
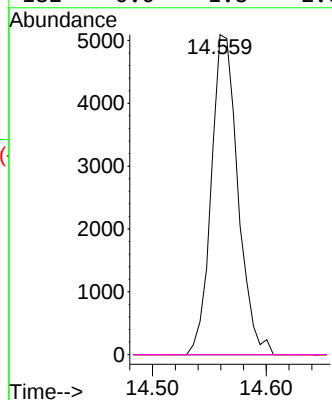


#57
2,4-Dinitrotoluene
Concen: 5.348 ng
RT: 14.559 min Scan# 1969
Delta R.T. -0.388 min
Lab File: BG061150.D
Acq: 9 May 2024 13:37

Instrument :
BNA_G
ClientSampleId :
PB160807BL

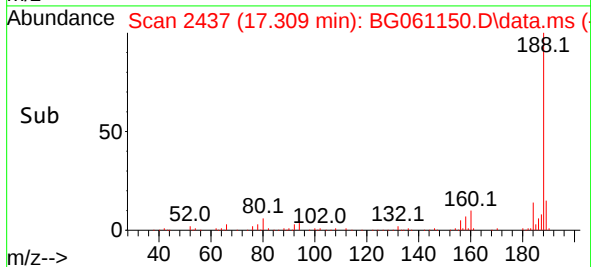
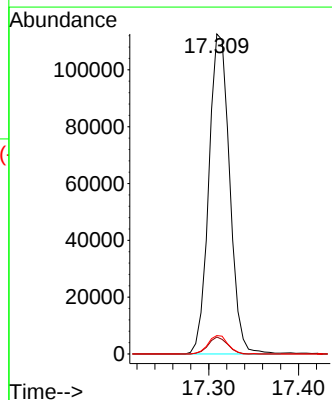
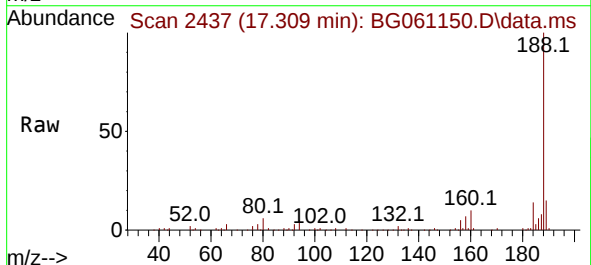


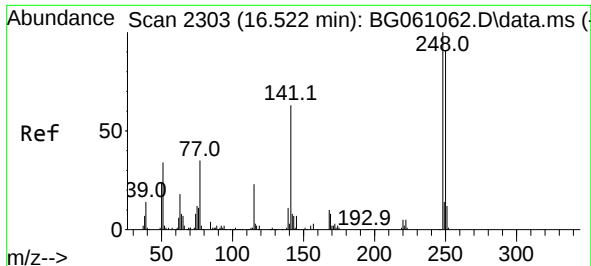
Tgt Ion:165	Resp:	8286
Ion	Ratio	Lower Upper
165	100	
63	0.0	47.3 70.9#
89	0.0	61.8 92.8#
182	0.0	1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.309 min Scan# 2437
Delta R.T. -0.024 min
Lab File: BG061150.D
Acq: 9 May 2024 13:37

Tgt Ion:188	Resp:	181132
Ion	Ratio	Lower Upper
188	100	
94	5.3	3.6 5.4
80	5.8	4.2 6.2

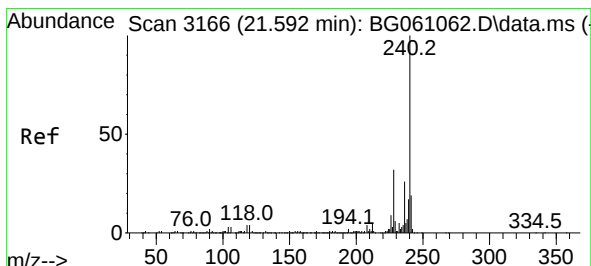
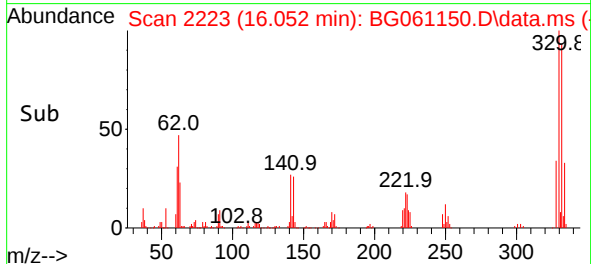
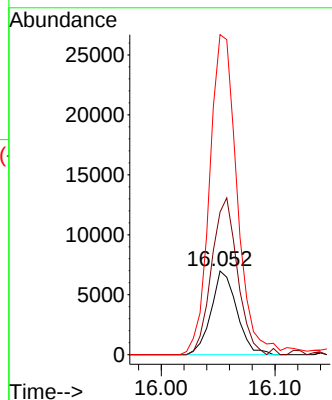
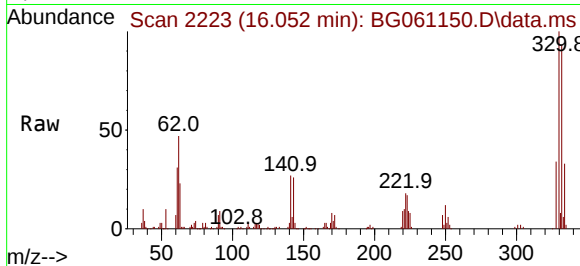




#67
4-Bromophenyl-phenylether
Concen: 5.136 ng
RT: 16.052 min Scan# 21
Delta R.T. -0.470 min
Lab File: BG061150.D
Acq: 9 May 2024 13:37

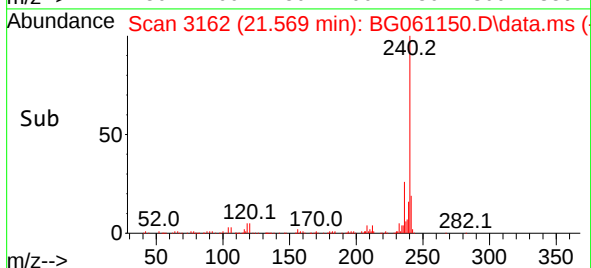
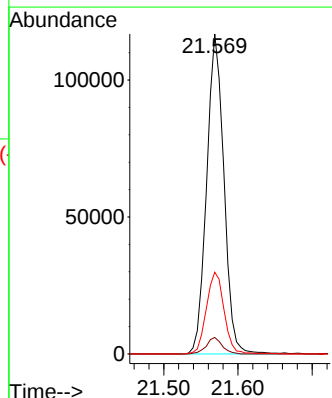
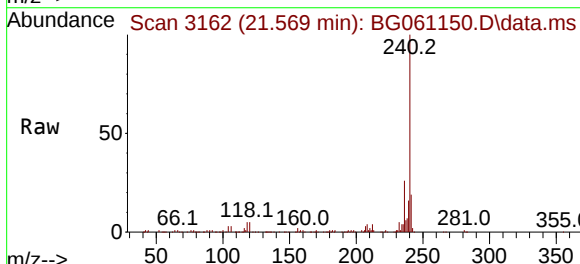
Instrument :
BNA_G
ClientSampleId :
PB160807BL

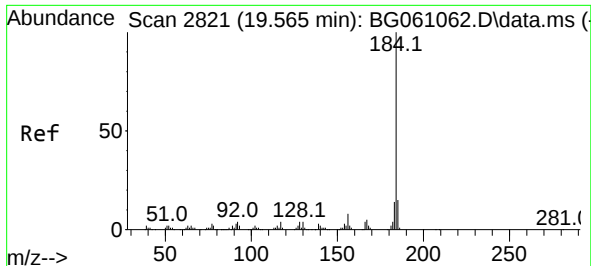
Tgt Ion:248 Resp: 10960
Ion Ratio Lower Upper
248 100
250 170.5 73.0 109.4#
141 382.6 50.8 76.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.569 min Scan# 3162
Delta R.T. -0.024 min
Lab File: BG061150.D
Acq: 9 May 2024 13:37

Tgt Ion:240 Resp: 188728
Ion Ratio Lower Upper
240 100
120 5.2 3.2 4.8#
236 25.6 21.0 31.6

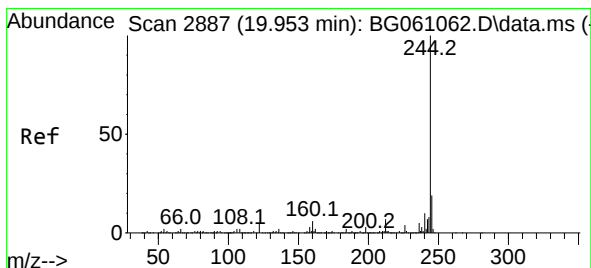
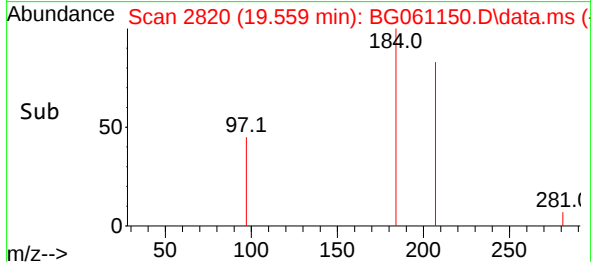
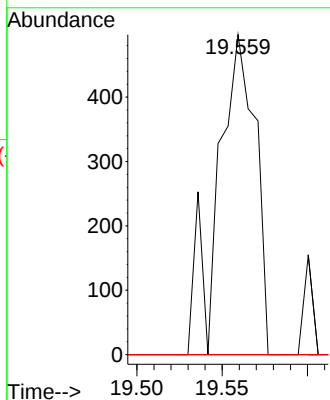
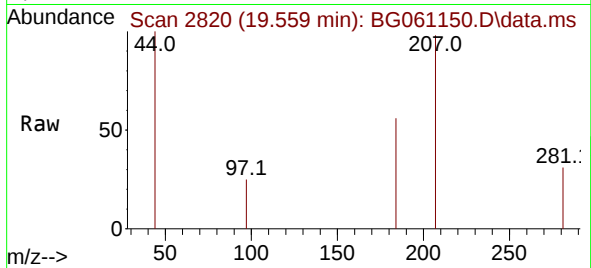




#77
Benzidine
Concen: 2.997 ng
RT: 19.559 min Scan# 2820
Delta R.T. -0.006 min
Lab File: BG061150.D
Acq: 9 May 2024 13:37

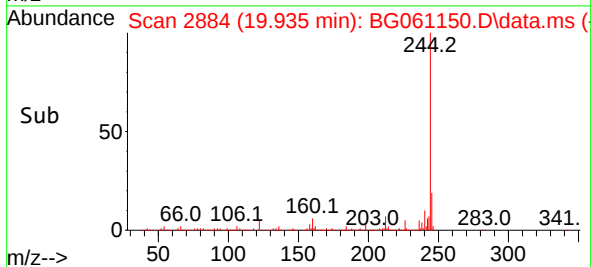
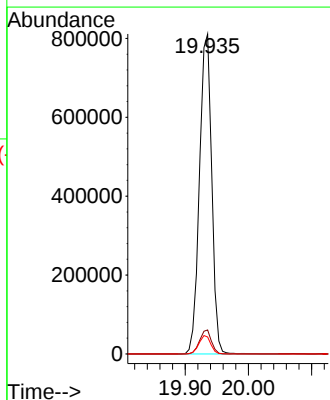
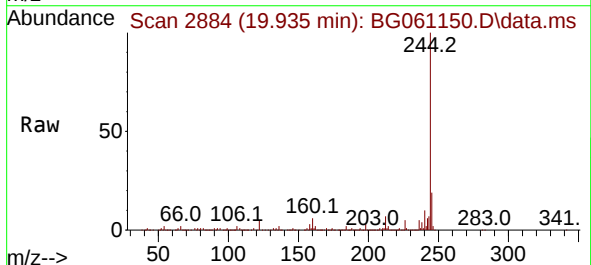
Instrument :
BNA_G
ClientSampleId :
PB160807BL

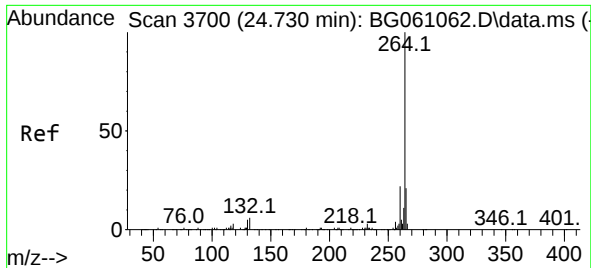
Tgt Ion:184 Resp: 768
Ion Ratio Lower Upper
184 100
185 0.0 12.0 18.0#
183 0.0 10.9 16.3#



#79
Terphenyl-d14
Concen: 96.012 ng
RT: 19.935 min Scan# 2884
Delta R.T. -0.018 min
Lab File: BG061150.D
Acq: 9 May 2024 13:37

Tgt Ion:244 Resp: 1089512
Ion Ratio Lower Upper
244 100
212 7.5 5.7 8.5
122 5.3 4.2 6.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.700 min Scan# 30
 Delta R.T. -0.030 min
 Lab File: BG061150.D
 Acq: 9 May 2024 13:37

Instrument :
 BNA_G
 ClientSampleId :
 PB160807BL

Tgt Ion:264 Resp: 213998
 Ion Ratio Lower Upper
 264 100
 260 22.6 17.7 26.5
 265 22.1 16.4 24.6

